IN THE CLAIMS:

1.   (Cancelled)

2.   (Cancelled)

3.   (Cancelled)

4.   (Currently Amended) A light system, comprising:

a ~~modular conduit for receiving illumination from a light~~ plurality of conduits each having an at least partially transparent outer surface and each being configured to be connected together in a modular fashion to form an assembly, and

a plurality of light engines spaced apart from each other within the assembly, wherein at least one light engine ~~, wherein the light engine comprises a light source and a controller~~ of the plurality of light engines is configured to generate light within and along a length of at least one conduit of the assembly, such that at least some of the light passes through the outer surface of the at least one conduit along the length of and around a perimeter of the at least one conduit.

5.   (Currently Amended) A system of claim 4 wherein the ~~light is controlled by a controller to produce light of~~ at least one light engine includes at least one light source and at least one controller to control the at least one light source, such that the light has a desired characteristic at each point in time.

6.   (Currently Amended) A system of claim 5, wherein the characteristic is selected from the group consisting of ~~the~~ a color, an intensity, a saturation, and a color temperature of the light.

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1   7.   (Currently Amended) A system of claim [[4]] 5, wherein the controller includes an

2   interface.

1   8.   (Currently Amended) A system of claim [[4]] 5, wherein the light source comprises

2   an LED.

1   9.   (Currently Amended) A system of claim [[4]] 5, wherein the light source comprises a

2   plurality of LEDs of different colors.

1   10.   (Currently Amended) A system of claim [[4]] 5, wherein the light source comprises

2   LEDs ~~producing~~ configured such that the light from the light engine comprises different

3   color temperatures of white light.

1   11.   (Currently Amended) A system of claim [[4]] 5, wherein the light engine operates in

2   a white color mode at some times and in a non-white color mode at other times.

1   12.   (Currently Amended) A system of claim [[4]] 9, wherein the light ~~engine produces~~

2   ~~white light by combining light from LEDs~~ is white light produced by combining radiation

3   generated by more than one of the plurality of LEDs, and each LED of the plurality of LEDs

4   is selected from the group consisting of red, green, yellow, blue, amber, white, and orange

5   ~~and amber~~ LEDs.

1   13.   (Currently Amended) A system of claim 12, wherein ~~the~~ a color temperature of the

2   white light is adjusted by mixing ~~light~~ different amounts of the radiation from ~~an LED~~ the

3   more than one of the plurality of LEDs.

1   14.   (Currently Amended) A system of claim [[4]] 5, wherein the controller is a

2   processor.

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1   15.   (Currently Amended) A system of claim 4, wherein ~~the conduit receives light from~~

2   ~~the light engine~~ the assembly is configured such that the light passes substantially

3   unobstructed from a first inner portion of one conduit of the assembly to an adjacent inner

4   portion of an adjacent conduit of the assembly.

1   16.   (Currently Amended) A system of claim 4, wherein ~~the conduit~~ the at least one

2   conduit of the plurality of conduits is made of an elastic material suitable for receiving and

3   retransmitting the light.

1   17.   (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is a flexible conduit.

1   18.   (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is transparent.

1   19.   (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is semi-opaque.

1   20.   (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is translucent.

1   21.   (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is reflective.

1   22.   (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is refractive.

1   23.   (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is a transparent elastic material.

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1 24. (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2 plurality of conduits is elastomeric vinyl acetate.

1 25. (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2 plurality of conduits is made from a material selected from the group consisting of a

3 polymer, polyurethane, PVC material, rubber, plastic, a metal, and an alloy.

1 26. (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2 plurality of conduits is made from a hybrid of a plurality of materials.

1 27. (Currently Amended) A system of claim 4, wherein ~~the conduit~~ at least one of the

2 plurality of conduits is filled with a fluid.

1 28. (Original) A system of claim 27, wherein the fluid is a gas.

1 29. (Original) A system of claim 27, wherein the fluid is a liquid.

1 30. (Original) A system of claim 27, wherein the fluid is a vapor.

1 31. (Currently Amended) A system of claim 27, wherein the fluid transmits the light.

1 32. (Currently Amended) A system of claim 27, wherein the fluid refracts the light.

1 33. (Currently Amended) A system of claim 27, wherein the fluid contains particles that

2 reflect the light.

1 34. (Currently Amended) A system of claim 27, wherein the fluid contains particles that

2 refract the light.

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1   35.   (Currently Amended) A lighting system, comprising:

2   [[a]] an elastomeric conduit having an at least partially transparent outer surface, a

3   first end, and a second end; and

4   at least one light engine having a light source and a control system and being

5   disposed proximate to at least one of the first end and the second end of the conduit, ~~with a~~

6   ~~controller and a light source;~~ and the at least one light engine being configured to generate

7   light within and along a length of the conduit, such that at least some of the light passes

8   through the outer surface along the length of and around a perimeter of the conduit.

9   ~~an elastomeric conduit for receiving light from the light engine.~~

1   36.   (Original) A system of claim 35, wherein the light source is configured in a linear

2   configuration.

1   37.   (Original) A system of claim 35, wherein the light source is configured as an array.

1   38.   (Original) A system of claim 35, wherein the light source is configured in a

2   curvilinear configuration.

1   39.   (Currently Amended) A system of claim 35, wherein the light source ~~is configured~~

2   ~~with groupings of LEDs~~ includes a plurality of LEDs arranged into at least one group.

1   40.   (Currently Amended) A system of claim 39, wherein each ~~member~~ LED of the

2   ~~grouping is an LED producing light of~~ at least one group generates radiation having a

3   different wavelength than each other LED of the at least one group.

1   41.   (Currently Amended) A system of claim 39, wherein the ~~groupings are~~ group

2   includes a triad[[s]] of LEDs.

1   42.   (Currently Amended) A system of claim 39, wherein the ~~groupings are~~ group

2   includes a quadruplet[[s]] of LEDs.

1   43.   (Currently Amended) A system of claim 39, wherein the ~~groupings are~~ group

2   includes a quintuplet[[s]] of LEDs.

1   44.   (Currently Amended) A system of claim ~~35~~ 39, wherein the ~~LEDs are~~ plurality of

2   LEDs is configured to fit a lighting fixture.

1   45.   (Original) A system of claim 44, wherein the lighting fixture is configured to

2   resemble at least one of an incandescent fixture, a halogen fixture and a fluorescent fixture.

1   46.   (Currently Amended) A system of claim 35, further comprising an interface for

2   delivering a control signal to the ~~controller~~ control system.

1   47.   (Original) A system of claim 46, wherein the interface it at least one of a wire, a

2   cable, a network, a bus, a circuit, and a wireless interface.

1   48.   (Currently Amended) A system of claim 47, wherein the ~~user~~ interface comprises at

2   least one of a power-cycle-based interface, a general purpose computer interface, a

3   keyboard, a mouse, a voice- or image-recognition interface, a programming interface, a

4   software authoring tool interface, a light show player interface, a touchpad interface, a

5   wireless interface, an interface for a conventional lighting system, an entertainment system

6   interface, a communications system interface, a maintenance system interface, and a

7   navigation system interface.

1   49.   (Currently Amended) A system of claim 35, further comprising a mounting surface

2   in proximity to the light engine.

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1   50.   (Currently Amended) A system of claim 49, wherein the conduit is attached to the

2   mounting surface by an attachment facility.

1   51.   (Original) A system of claim 50, wherein the attachment facility is at least one of a

2   fastener, a screw, a clip and a bolt.

1   52.   (Currently Amended) A system of claim 50, wherein the attachment facility is a

2   standoff mechanism for holding the conduit a fixed distance from the mounting surface.

1   53.   (Currently Amended) A system of claim ~~35~~ 49, wherein the mounting surface is a

2   surface of a sign.

1   54.   (Original) A system of claim 35, further comprising a mounting facility for the

2   conduit.

1   55.   (Original) A system of claim 54, wherein the mounting facility serves as a light

2   shield.

1   56.   (Original) A system of claim 54, wherein the mounting facility rests on a light pipe.

1   57.   (Currently Amended) A system of claim 56, wherein the light pipe collects the light

2   generated by the light engine and delivers the light into the conduit.

1   58.   (Currently Amended) A system of claim 35, wherein the light engine is [[a]]

2   configured to resemble a halogen lamp.

1   59.   (Original) A system of claim 58, wherein the light engine is an MR-16 fixture.

1   60.   (Currently Amended) A system of claim 58, wherein the ~~fixture~~ light engine is

2   configured to be suitable for insertion into a conventional halogen socket.

1   61.   (Currently Amended) A system of claim 56, wherein the light pipe guides the light

2   into a receiving portion of the conduit, so that the conduit glows with ~~the~~ a color of the light

3   from the light engine.

1   62.   (Currently Amended) A system of claim 35, wherein the light ~~engine~~ source

2   comprises LEDs selected from the group consisting of red, green, blue, amber, white,

3   orange, and UV LEDs.

1   63.   (Currently Amended) A system of claim 35, ~~further comprising a~~ wherein the control

2   system ~~for~~ controls the light ~~engine~~ source such that a color of the light varies over time to

3   produce a dynamic lighting effect.

1   64.   (Original) A system of claim 35, wherein the control system includes a user

2   interface.

1   65.   (Original) A system of claim 35, wherein the control system includes a data facility.

1   66.   (Original) A system of claim 35, wherein the control system includes a

2   communication facility.

1   67.   (Original) A system of claim 66, wherein the communication facility comprises a

2   network.

1   68.   (Original) A system of claim 66, wherein the communication facility comprises a

2   wireless facility.

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1   69.   (Original) A system of claim 35, wherein the control system includes an algorithm

2   facility.

1   70.   (Original) A system of claim 35, wherein the control system is a general purpose

2   computer.

1   71.   (Currently Amended) A system of claim 35, wherein the control system is integrated

2   with other system elements ~~of the~~ in an environment of the light engine.

1   72.   (Original) A system of claim 71, wherein the other system elements are selected

2   from the group consisting of a maintenance system, an entertainment system, a sound

3   system, a navigation system, and a security system.

1   73.   (Original) A system of claim 35, wherein the light engine includes a processor.

1   74.   (Currently Amended) A system of claim 73, wherein the processor is selected from

2   the group consisting of a microprocessor, a microcontroller, a circuit, an application specific

3   integrated circuit, a microchip, a chip residing on a circuit board, a chipset, a circuit board, a

4   programmable digital signal processor, a biological circuit, a programmable gate array, a

5   programmable array logic device, a programmable logic device, a digital signal processor,

6   an analog-to-digital converter, ~~and~~ a digital-to-analog converter, discrete circuitry, passive

7   analog components, active analog components, a resistor, a capacitor, an inductor, a

8   transistor, an operational amplifiers, a discrete digital component, a shift register, and a

9   latch.

1   75.   (Currently Amended) A system of claim 35, wherein the <u>control</u> system includes a

2   data facility for storing ~~program instructions~~ <u>data</u> for the light engine.

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1   76.   (Original) A system of claim 75, wherein the data facility comprises at least one of a

2   read-only memory, a programmable read-only memory, an electronically erasable

3   programmable read-only memory, a random access memory, a dynamic random access

4   memory, a double data rate random access memory, a Rambus direct random access

5   memory, and a flash memory.

1   77.   (Currently Amended) A system of claim 75, wherein the data facility is at least one

2   of a general purpose computer system, a RAM, a ROM, a hard disk memory, a diskette, a

3   zip drive, a jump drive, a database, a SQL database, a TCL database, an Oracle database, an

4   Access database, a data facility of an entertainment system, a data facility of a maintenance

5   system, a data ~~facilty~~ <u>facility</u> of a safety system and a combination of more than one type of

6   data facility.

1   78.   (Currently Amended) A system of claim 75, wherein the data for the light engine

2   resides in ~~more than one system~~ <u>a plurality of systems</u>.

1   79.   (Currently Amended) A system of claim 78, wherein ~~the first system~~ <u>at least one first</u>

2   <u>system of the plurality of systems</u> is a safety system and ~~the second system~~ <u>at least one</u>

3   <u>second system of the plurality of systems</u> is an entertainment system.

1   80.   (Currently Amended) A system of claim 78, wherein ~~the first system~~ <u>at least first</u>

2   <u>system of the plurality of systems</u> is a lighting control system and ~~the second system~~ <u>at least</u>

3   <u>one second system of the plurality of systems</u> is an entertainment system.

1   81.   (Currently Amended) A system of claim 35, further comprising a communication

2   facility, wherein the communication[[s]] facility comprises at least one of a wire-based

3   facility, a wireless facility, a network, an interface card, a circuit, a router, a switch, a

4   software interface, a wire, a cable, a connector, an RF facility, an IR facility, a serial port, a

5   parallel port, a USB facility, a firewire facility, a copper wire, a modem, a Bluetooth facility,

6   an 802.11 facility, a DSL modem[[s]], an antenna, a satellite communications facility, and a

7   telecommunications facility.

1   82.   (Currently Amended) A system of claim 35, wherein the control system is connected

2   to the light[[s]] <u>source</u> by a bus that provides two-way communication between the control

3   system and the ~~light engines~~ <u>light source</u>.

1   83.   (Currently Amended) A system of claim 35, wherein the light engine[[s]] ~~are~~ <u>is an</u>

2   addressable light engine[[s]].

1   84.   (Currently Amended) A system of claim 35, wherein the conduit comprises <u>modular</u>

2   sub-elements that can be fitted together to form shapes.

1   85.   (Original) A system of claim 84, wherein the sub-elements are selected from the

2   group consisting of V-shaped elements, L-shaped elements, T-shaped elements, curved

3   elements, and straight elements.

1   86.   (Original) A system of claim 84, wherein the sub-elements are fitted together in

2   combinations.

1   87.   (Currently Amended) A system of claim 84, wherein the sub-elements are provided

2   in a kit with <u>the</u> at least one light engine.

1   88.   (Currently Amended) A system of claim 84, wherein ~~the~~ <u>a</u> user can shape the sub-

2   elements into a desired shape.

1   89.   (Currently Amended) A system of claim 35, wherein the ~~system includes a conduit~~

2   ~~with a~~ <u>at least one light engine includes a</u> plurality of light engines.

1   90.   (Currently Amended) A system of claim 89, wherein the <u>plurality of</u> light engines

2   are provided with a communication[[s]] facility.

1   91.   (Currently Amended) A system of claim 89, wherein the <u>plurality of</u> light engines

2   are configured so as to <u>generate the</u> light ~~the conduit~~ in synchronous fashion.

1   92.   (Currently Amended) A system of claim 89, wherein the <u>plurality of</u> light engines

2   change colors in concert.

1   93.   (Currently Amended) A system of claim ~~89, wherein the plurality of light engines~~

2   ~~create a color-chasing rainbow effect.~~ <u>35, wherein the at least one light engine includes two</u>

3   <u>light engines respectively disposed proximate to the first end and the second end.</u>

1   94.   (Currently Amended) A system of claim 89, wherein the <u>plurality of</u> light engines

2   communicate via a flexible facility selected from the group consisting of a flexible wire, a

3   bus, and a cable.

1   95.   (Currently Amended) A system of claim 94, wherein the ~~wire~~ <u>flexible facility</u> serves

2   as a semi-rigid element for holding the ~~flexible~~ conduit in a selected configuration.

1   96.   (Original) A system of claim 89, further comprising a semi-rigid element.

1   97.   (Original) A system of claim 96, wherein the semi-rigid element is made of a

2   material selected from the group consisting of a metal, a polymer, and a plastic.

1   98.   (Original) A system of claim 96, wherein the semi-rigid element holds shape when

2   bent.

1   99.   (Currently Amended) A system of claim 89, wherein at least one light engine of the

2   plurality of light engines has an optical receiver facility for receiving optical data and an

3   optical modulator facility for modulating a portion of the ~~emitted~~ light, so that ~~the~~ a first

4   light engine of the plurality of light engines communicates to ~~another~~ at least one second

5   light engine of the plurality of light engines.

1   100.   (Currently Amended) A system of claim 99, wherein the first light engine

2   communicates to the second light engine using ~~transmitted~~ the light.

1   101.   (Currently Amended) A system of claim 99, wherein the first light engine

2   communicates to the second light engine using a portion of the electromagnetic spectrum.

1   102.   (Currently Amended) A system of claim 99, wherein ~~a~~ the first light engine

2   communicates ongoing data to continually update ~~a~~ the second light engine.

1   103.   (Currently Amended) A system of claim 99, wherein ~~a~~ the first light engine sends

2   instructions to [[a]] the second light engine to execute a stored lighting program.

1   104.   (Currently Amended) A system of claim 103, wherein the instructions ~~relate to~~

2   comprise clock data, ~~so~~ such that ~~various light engines~~ the second light engine can execute

3   the stored lighting program and the first light engine can execute the same stored lighting

4   program or an additional stored lighting program ~~can coordinate with clock time to run~~

5   ~~stored lighting programs~~ in coordination with each other and the clock data.

1   105.   (Original) A system of claim 35, wherein the conduit is configured to form a sign

2   with lettering.

1   106.   (Currently Amended) A system of claim 105, wherein <u>the at least one light engine</u>

2   <u>includes a plurality of</u> light engines <u>that</u> are disposed throughout the sign to generate <u>the</u>

3   light ~~to illuminate at least portions of the conduit~~.

1   107.   (Original) A system of claim ~~105, wherein the sign is configured as a logo.~~ <u>35,</u>

2   <u>further comprising a plurality of second light engines spaced apart from each other along the</u>

3   <u>length of the conduit.</u>

1   108.   (Original) A system of claim 105, wherein the sign is configured to resemble a

2   conventional neon sign.

1   109.   (Currently Amended) A lighting system, comprising:

2   ~~a first element~~ <u>at least one conduit</u> lit by <u>a first</u> color-changing illumination from a

3   <u>first</u> light engine having a <u>first</u> controller and at least one <u>first</u> LED; and

4   ~~a second~~ <u>at least one</u> element lit by <u>a second</u> color-changing illumination from a

5   <u>second</u> light engine having a <u>second</u> controller and at least one <u>second</u> LED;

6   wherein the ~~first element~~ <u>at least one conduit</u> is placed in <u>a</u> viewing ~~proximity to~~ <u>path</u>

7   <u>in front of and at least partially blocking</u> the ~~second~~ <u>at least one</u> element <u>so as</u> to produce

8   illumination effects that represent the combination of the ~~two elements~~ <u>at least one conduit</u>

9   <u>and the at least one element.</u>

1   110.   (Currently Amended) A system of claim 109, wherein ~~the first element is controlled~~

2   ~~to illuminate in colors that are the same as those of the second element~~ <u>a first color of the</u>

3   <u>first color-changing illumination is the same as a second color of the second color-changing</u>

4   <u>illumination.</u>

1   111.   (Currently Amended) A system of claim 109, wherein ~~the first element is controlled~~

2   ~~to illuminate in colors that are complementary to those of the second element~~ <u>a first color of</u>

3   the first color-changing illumination is complementary to a second color of the second color-

4   changing illumination.

1   112.   (Currently Amended) A system of claim 111, wherein the <u>first and second</u> colors ~~of~~

2   ~~the two elements~~ are generated in complementary color pairs.

1   113.   (Currently Amended) A system of claim 112, wherein the <u>complementary</u> color pairs

2   are selected from the group consisting of a red/green pair, a blue/orange pair, and a

3   yellow/purple pair.

1   114.   (Currently Amended) A system of claim 109, wherein ~~the first element comprises a~~

2   ~~conduit and a second~~ <u>the</u> element comprises a lit background.

1   115.   (Currently Amended) A system of claim 114, wherein the lit background is edge-lit

2   by a linear array of light engines <u>including the second light engine</u>.

1   116.   (Currently Amended) A system of claim ~~109~~ <u>114</u>, wherein the conduit is a sign, and

2   the sign is lit in coordination with the <u>lit</u> background.

1   117.   (Cancelled)

1   118.   (Cancelled)

1   119.   (Cancelled)

1   120.   (Currently Amended) A method of ~~providing a light system,~~ <u>lighting an assembly</u>

2   <u>comprised of a plurality of conduits each having an at least partially transparent outer</u>

3   <u>surface and each being configured to be connected together in a modular fashion to form the</u>

4   <u>assembly, the method</u> comprising:

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5   ~~providing a modular conduit for receiving illumination from a light, and~~

6   ~~providing a light engine, wherein the light engine comprises a light source and a~~

7   ~~controller.~~ generating light by a plurality of light engines spaced apart from each other

8   within the assembly so that the generated light travels within and along a length of at least

9   one conduit of the assembly; and

10   passing at least some of the generated light from at least one light engine of the

11   plurality of light engines through the outer surface of the at least one conduit along the

12   length of and around a perimeter of the at least one conduit.

1   121.   (Currently Amended)A method of claim 120, wherein the ~~light is controlled by a~~

2   ~~controller to produce light of~~ at least one light engine includes at least one light source and

3   at least one controller to control the at least one light source, such that the generated light

4   has a desired characteristic at each point in time.

1   122.   (Currently Amended) A method of claim 121, wherein the characteristic is selected

2   from the group consisting of ~~the~~ a color, an intensity, a saturation, and a color temperature of

3   the light.

1   123.   (Currently Amended) A method of claim ~~120~~ 121, wherein the controller includes an

2   interface.

1   124.   (Currently Amended) A method of claim ~~120~~ 121, wherein the light source

2   comprises ~~an~~ at least one LED.

1   125.   (Currently Amended) A method of claim ~~120~~ 121, wherein the light source

2   comprises a plurality of LEDs of different colors.

1 126. (Currently Amended) A method of claim ~~120~~ 121, wherein the light source

2 comprises LEDs ~~producing~~ configured such that the generated light from the light engine

3 comprises different color temperatures of white light.

1 127. (Currently Amended) A method of claim ~~120~~ 121, wherein the light engine operates

2 in a white color mode at some times and in a non-white color mode at other times.

1 128. (Currently Amended) A method of claim ~~120~~ 125, wherein the generated light

2 ~~engine produces white light by combining light from LEDs~~ is white light produced by

3 combining radiation generated by more than one of the plurality of LEDs, and each LED of

4 the plurality of LEDs is selected from the group consisting of red, green, yellow, blue,

5 amber, white, and orange ~~and amber~~ LEDs.

1 129. (Currently Amended) A method of claim ~~120~~ 126, wherein ~~the~~ a color temperature

2 of the white light is adjusted by mixing ~~light~~ different amounts of the radiation from ~~an LED~~

3 the more than one of the plurality of LEDs.

1 130. (Currently Amended) A method of claim ~~120~~ 121, wherein the controller is a

2 processor.

1 131. (Currently Amended) A method of claim 120, wherein ~~the conduit receives light~~

2 ~~from the light engine~~ the assembly is configured such that the generated light passes

3 substantially unobstructed from a first inner portion of one conduit of the assembly to an

4 adjacent inner portion of an adjacent conduit of the assembly.

1 132. (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one

2 conduit of the plurality of conduits is made of an elastic material suitable for receiving and

3 retransmitting the light.

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1   133.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is a flexible conduit.

1   134.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is transparent.

1   135.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is semi-opaque.

1   136.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is translucent.

1   137.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is reflective.

1   138.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is refractive.

1   139.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is a transparent elastic material.

1   140.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is elastomeric vinyl acetate.

1   141.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the

2   plurality of conduits is made from a material selected from the group consisting of a

3   polymer, polyurethane, PVC material, rubber, plastic, a metal, and an alloy.

1   142.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the
2   plurality of conduits is made from a hybrid of a plurality of materials.

1   143.   (Currently Amended) A method of claim 120, wherein ~~the conduit~~ at least one of the
2   plurality of conduits is filled with a fluid.

1   144.   (Original) A method of claim 143, wherein the fluid is a gas.

1   145.   (Original) A method of claim 143, wherein the fluid is a liquid.

1   146.   (Original) A method of claim 143, wherein the fluid is a vapor.

1   147.   (Currently Amended) A method of claim 143, wherein the fluid transmits the
2   generated light.

1   148.   (Currently Amended) A method of claim 143, wherein the fluid refracts the
2   generated light.

1   149.   (Currently Amended) A method of claim 143, wherein the fluid contains particles
2   that reflect the generated light.

1   150.   (Currently Amended) A method of claim 143, wherein the fluid contains particles
2   that refract the generated light.

1   151.   (Currently Amended) A method of ~~providing a lighting system,~~ lighting an
2   elastomeric conduit having an at least partially transparent outer surface, a first end, and a
3   second end, the method comprising:
4   ~~providing a light engine having a controller and a light source; and~~

5   ~~providing an elastomeric conduit for receiving light from the light engine.~~ <u>generating</u>

6 <u>light by at least one light engine having a control system and a light source and being</u>

7 <u>disposed proximate to at least one of the first end and the second end of the conduit, wherein</u>

8 <u>the at least one light engine is configured such that the generated light travels within and</u>

9 <u>along a length of the conduit; and</u>

10   <u>passing at least some of the generated light through the outer surface of the conduit</u>

11 <u>along the length of and around a perimeter of the conduit.</u>

1 152. (Original) A method of claim 151, wherein the light source is configured in a linear

2 configuration.

1 153. (Original) A method of claim 151, wherein the light source is configured as an array.

1 154. (Original) A method of claim 151, wherein the light source is configured in a

2 curvilinear configuration.

1 155. (Currently Amended) A method of claim 151, wherein the light source ~~is configured~~

2 ~~with groupings of LEDs~~ <u>includes a plurality of LEDs arranged into at least one group</u>.

1 156. (Currently Amended) A method of claim 155, wherein each ~~member~~ <u>LED</u> of the

2 ~~grouping is an LED producing light of~~ <u>at least one group generates radiation having</u> a

3 different wavelength <u>than each other LED of the at least one group</u>.

1 157. (Currently Amended) A method of claim 155, wherein the ~~groupings are~~ <u>group</u>

2 <u>includes a</u> triad[[s]] <u>of LEDs</u>.

1 158. (Currently Amended) A method of claim 155, wherein the ~~groupings are~~ <u>group</u>

2 <u>includes a</u> quadruplet[[s]] <u>of LEDs</u>.

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1 159.   (Currently Amended) A method of claim 155, wherein the ~~groupings are~~ group
2 includes a quintuplet[[s]] of LEDs.

1 160.   (Currently Amended) A method of claim 155, wherein the ~~groupings are~~ group
2 includes a sextuplet[[s]] of LEDs.

1 161.   (Currently Amended) A method of claim 155, wherein the ~~LEDs are~~ plurality of
2 LEDs is configured to fit a lighting fixture.

1 162.   (Original) A method of claim 161, wherein the lighting fixture is configured to
2 resemble at least one of an incandescent fixture, a halogen fixture and a fluorescent fixture.

1 163.   (Currently Amended) A method of claim 155, further comprising the act of using an
2 interface ~~for delivering~~ to deliver a control signal to the ~~controller~~ control system.

1 164.   (Original) A method of claim 163, wherein the interface it at least one of a wire, a
2 cable, a network, a bus, a circuit, and a wireless interface.

1 165.   (Currently Amended) A method of claim 163, wherein the ~~user~~ interface comprises
2 at least one of a power-cycle-based interface, a general purpose computer interface, a
3 keyboard, a mouse, a voice- or image-recognition interface, a programming interface, a
4 software authoring tool interface, a light show player interface, a touchpad interface, a
5 wireless interface, an interface for a conventional lighting system, an entertainment system
6 interface, a communications system interface, a maintenance system interface, and a
7 navigation system interface.

1 166.   (Currently Amended) A method of claim 155, ~~further comprising~~ wherein the
2 conduit is attached to a mounting surface in proximity to the light engine.

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1   167.   (Currently Amended) A method of claim 166, wherein the conduit is attached to the

2   mounting surface by an attachment facility.

1   168.   (Original) A method of claim 167, wherein the attachment facility is at least one of a

2   fastener, a screw, a clip and a bolt.

1   169.   (Currently Amended) A method of claim 167, wherein the attachment facility is a

2   standoff mechanism for holding the conduit a fixed distance from the mounting surface.

1   170.   (Currently Amended) A method of claim 166, wherein the mounting surface is a

2   surface of a sign.

1   171.   (Currently Amended) A method of claim 155, ~~further comprising a mounting facility~~

2   ~~for the conduit~~ wherein the conduit is mounted on a mounting facility.

1   172.   (Original) A method of claim 171, wherein the mounting facility serves as a light

2   shield.

1   173.   (Original) A method of claim 171, wherein the mounting facility rests on a light

2   pipe.

1   174.   (Currently Amended) A method of claim 173, wherein the light pipe collects the

2   generated light and delivers the generated light into the conduit.

1   175.   (Currently Amended) A method of claim 155, wherein the light engine is [[a]]

2   configured to resemble a halogen lamp.

1   176.   (Original) A method of claim 175, wherein the light engine is an MR-16 fixture.

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1 177. (Currently Amended) A method of claim 175, wherein the ~~fixture~~ light engine is

2 configured to be suitable for insertion into a conventional halogen socket.

1 178. (Currently Amended) A method of claim 174, wherein the light pipe guides the

2 generated light into a receiving portion of the conduit, so that the conduit glows with ~~the~~ a

3 color of the generated light ~~from the light engine~~.

1 179. (Currently Amended) A method of claim 155, wherein the light ~~engine~~ source

2 comprises LEDs selected from the group consisting of red, green, blue, amber, white,

3 orange, and UV LEDs.

1 180. (Currently Amended) A method of claim 155, ~~further comprising a~~ wherein the

2 control system ~~for~~ controls the light ~~engine~~ source such that a color of the light varies over

3 time to produce a dynamic lighting effect.

1 181. (Original) A method of claim 180, wherein the control system includes a user

2 interface.

1 182. (Original) A method of claim 180, wherein the control system includes a data

2 facility.

1 183. (Original) A method of claim 180, wherein the control system includes a

2 communication facility.

1 184. (Original) A method of claim 183, wherein the communication facility comprises a

2 network.

1 185. (Original) A method of claim 183, wherein the communication facility comprises a

2 wireless facility.

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1   186.   (Original) A method of claim 180, wherein the control system includes an algorithm

2   facility.

1   187.   (Original) A method of claim 180, wherein the control system is a general purpose

2   computer.

1   188.   (Currently Amended) A method of claim 180, wherein the control system is

2   integrated with other system elements ~~of the~~ in an environment of the light engine.

1   189.   (Original) A method of claim 188, wherein the other system elements are selected

2   from the group consisting of a maintenance system, an entertainment system, a sound

3   system, a navigation system, and a security system.

1   190.   (Original) A method of claim 155, wherein the light engine includes a processor.

1   191.   (Currently Amended) A method of claim 190, wherein the processor is selected from

2   the group consisting of a microprocessor, a microcontroller, a circuit, an application specific

3   integrated circuit, a microchip, a chip residing on a circuit board, a chipset, a circuit board, a

4   programmable digital signal processor, a biological circuit, a programmable gate array, a

5   programmable array logic device, a programmable logic device, a digital signal processor,

6   an analog-to-digital converter, ~~and~~ a digital-to-analog converter, discrete circuitry, passive

7   analog components, active analog components, a resistor, a capacitor, an inductor, a

8   transistor, an operational amplifiers, a discrete digital component, a shift register, and a

9   latch.

1   192.   (Currently Amended) A method of claim 180, wherein the control system includes a

2   data facility for storing ~~program instructions~~ data for the light engine.

1 193. (Original) A method of claim 192, wherein the data facility comprises at least one of

2 a read-only memory, a programmable read-only memory, an electronically erasable

3 programmable read-only memory, a random access memory, a dynamic random access

4 memory, a double data rate random access memory, a Rambus direct random access

5 memory, and a flash memory.

1 194. (Currently Amended) A method of claim 192, wherein the data facility is at least one

2 of a general purpose computer system, a RAM, a ROM, a hard disk memory, a diskette, a

3 zip drive, a jump drive, a database, a SQL database, a TCL database, an Oracle database, an

4 Access database, a data facility of an entertainment system, a data facility of a maintenance

5 system, a data ~~facilty~~ facility of a safety system and a combination of more than one type of

6 data facility.

1 195. (Currently Amended) A method of claim 192, wherein the data for the light engine

2 resides in ~~more than one system~~ a plurality of systems.

1 196. (Currently Amended) A method of claim 195, wherein ~~a first system~~ at least one first

2 system of the plurality of systems is a safety system and ~~a second system~~ at least one second

3 system of the plurality of systems is an entertainment system.

1 197. (Currently Amended) A method of claim 195, wherein ~~the first system~~ at least one

2 first system of the plurality of systems is a lighting control system and ~~the second system~~ at

3 least one second system of the plurality of systems is an entertainment system.

1 198. (Currently Amended) A method of claim ~~195~~ 183, wherein the communication[[s]]

2 facility comprises at ~~leaset~~ least one of a wire-based facility, a wireless facility, a network,

3 an interface card, a circuit, a router, a switch, a software interface, a wire, a cable, a

4 connector, an RF facility, an IR facility, a serial port, a parallel port, a USB facility, a

5 firewire facility, a copper wire, a modem, a Bluetooth facility, an 802.11 facility, a DSL

6   modem[[s]], an antenna, a satellite communications facility, and a telecommunications

7   facility.

1   199.   (Currently Amended) A method of claim 180, wherein the control system is

2   connected to the light[[s]] source by a bus that provides two-way communication between

3   the control system and the ~~light engines~~ light source.

1   200.   (Currently Amended) A method of claim 155, wherein the light ~~engines are~~ engine is

2   an addressable light engine[[s]].

1   201.   (Currently Amended) A method of claim 155, wherein the conduit comprises

2   modular sub-elements that can be fitted together to form shapes.

1   202.   (Original) A method of claim 155, wherein the sub-elements are selected from the

2   group consisting of V-shaped elements, L-shaped elements, T-shaped elements, curved

3   elements, and straight elements.

1   203.   (Original) A method of claim 155, wherein the sub-elements are fitted together in

2   combinations.

1   204.   (Currently Amended) A method of claim 155, wherein the sub-elements are provided

2   in a kit with the at least one light engine.

1   205.   (Currently Amended) A method of claim 155, wherein ~~the~~ a user can shape the sub-

2   . elements into a desired shape.

1   206.   (Currently Amended) A method of claim 155, wherein the ~~system includes a conduit~~

2   ~~with a~~ at least one light engine includes a plurality of light engines.

1   207.   (Currently Amended) A method of claim 206, wherein the <u>plurality of</u> light engines

2   are provided with a communication[[s]] facility.

1   208.   (Currently Amended) A method of claim 206, wherein the <u>plurality of</u> light engines

2   are configured so as to <u>generate the generated</u> light ~~the conduit~~ in synchronous fashion.

1   209.   (Currently Amended) A method of claim 206, wherein the <u>plurality of</u> light engines

2   change colors in concert.

1   210.   (Currently Amended) A method of claim ~~206, wherein the plurality of light engines~~

2   ~~create a color-chasing rainbow effect.~~ <u>151, wherein the at least one light engine includes two</u>

3   <u>light engines respectively disposed proximate to the first end and the second end.</u>

1   211.   (Currently Amended) A method of claim 206, wherein the <u>plurality of</u> light engines

2   communicate via a flexible facility selected from the group consisting of a flexible wire, a

3   bus, and a cable.

1   212.   (Currently Amended) A method of claim 211, wherein ~~a wire~~ <u>the flexible facility</u>

2   serves as a semi-rigid element for holding the ~~flexible~~ conduit in a selected configuration.

1   213.   (Currently Amended) A method of claim 155, ~~further comprising~~ <u>wherein the</u>

2   <u>conduit includes</u> a semi-rigid element.

1   214.   (Original) A method of claim 213, wherein the semi-rigid element is made of a

2   material selected from the group consisting of a metal, a polymer, and a plastic.

1   215.   (Original) A method of claim 213, wherein the semi-rigid element holds shape when

2   bent.

1   216.   (Currently Amended) A method of claim 206, wherein at least one light engine <u>of the</u>

2   <u>plurality of light engines</u> has an optical receiver facility for receiving optical data and an

3   optical modulator facility for modulating a portion of the ~~emitted~~ <u>generated</u> light, so that ~~the~~

4   <u>a first</u> light engine <u>of the plurality of light engines</u> communicates to ~~another~~ <u>at least one</u>

5   <u>second</u> light engine <u>of the plurality of light engines</u>.

1   217.   (Currently Amended) A method of claim 216, wherein the <u>first</u> light engine

2   communicates <u>to the second light engine</u> using ~~transmitted~~ <u>the generated</u> light.

1   218.   (Currently Amended) A method of claim 206, wherein the <u>first</u> light engine

2   communicates <u>to the second light engine</u> using a portion of the electromagnetic spectrum.

1   219.   (Currently Amended) A method of claim 206, wherein ~~a~~ <u>the first</u> light engine

2   communicates ongoing data to continually update ~~a~~ <u>the</u> second light engine.

1   220.   (Currently Amended) A method of claim 206, wherein ~~a~~ <u>the first</u> light engine sends

2   instructions to [[a]] <u>the</u> second light engine to execute a stored lighting program.

1   221.   (Currently Amended) A method of claim 220, wherein the instructions ~~relate to~~

2   <u>comprise</u> clock data, ~~so~~ <u>such</u> that ~~various light engines~~ <u>the second light engine can execute</u>

3   <u>the stored lighting program and the first light engine can execute the same stored lighting</u>

4   <u>program or an additional stored lighting program</u> ~~can coordinate with clock time to run~~

5   ~~stored lighting programs~~ in coordination with each other <u>and the clock data</u>.

1   222.   (Original) A method of claim 155, wherein the conduit is configured to form a sign

2   with lettering.

1 223. (Currently Amended) A method of claim 222, wherein <u>the at least one light engine</u>

2 <u>includes a plurality of</u> light engines <u>that</u> are disposed throughout the sign to generate <u>the</u>

3 <u>generated</u> light ~~to illuminate at least portions of the conduit~~.

1 224. (Currently Amended) A method of claim ~~222, wherein the sign is configured as a~~

2 ~~logo.~~ <u>151, wherein light engines from a plurality of second light engines are spaced apart</u>

3 <u>from each other along the length of the conduit.</u>

1 225. (Original) A method of claim 222, wherein the sign is configured to resemble a

2 conventional neon sign.

1 226. (Currently Amended) A method of ~~providing a lighting system,~~ <u>lighting a system,</u>

2 <u>the method</u> comprising:

3   ~~providing a first element lit~~ <u>lighting at least one conduit</u> by <u>a first</u> color-changing

4 illumination from a <u>first</u> light engine having a <u>first</u> controller and at least one <u>first</u> LED; and

5   ~~providing a second element lit~~ <u>lighting at least one element</u> by <u>a second</u> color-

6 changing illumination from a <u>second</u> light engine having a <u>second</u> controller and at least one

7 <u>second LED, wherein the at least one conduit is placed in a viewing path in front of and at</u>

8 <u>least partially blocking the at least one element so as to produce illumination effects that</u>

9 <u>represent the combination of the at least one conduit and the at least one element.</u>

1 227. (Cancelled)

1 228. (Currently Amended) A method of claim 226, wherein ~~the first element is controlled~~

2 ~~to illuminate in colors that are the same as those of the second element~~ <u>a first color of the</u>

3 <u>first color-changing illumination is the same as a second color of the second color-changing</u>

4 <u>illumination.</u>

1 229. (Currently Amended) A method of claim 226, wherein ~~the first element is controlled~~

2 ~~to illuminate in colors that are complementary to those of the second element~~ a first color of

3 the first color-changing illumination is complementary to a second color of the second color-

4 changing illumination.

1 230. (Currently Amended) A method of claim 229, wherein the first and second colors ~~of~~

2 ~~the two elements~~ are generated in complementary color pairs.

1 231. (Currently Amended) A method of claim 230, wherein the complementary color

2 pairs are selected from the group consisting of a red/green pair, a blue/orange pair, and a

3 yellow/purple pair.

1 232. (Currently Amended) A method of claim 226, wherein ~~the first element comprises a~~

2 ~~conduit and a second~~ the at least one element comprises a lit background.

1 233. (Currently Amended) A method of claim 232, wherein the lit background is edge-lit

2 by a linear array of light engines including the second light engine.

1 234. (Currently Amended) A method of claim ~~226~~ 232, wherein the conduit is a sign, and

2 the sign is lit in coordination with the lit background.

1 235. (Cancelled)

1 236. (Cancelled)

1 237. (Cancelled)

1 238. (Cancelled)

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